

#2

-16-

### Abstract

- 5 An edge sharpening device has a metal body and at least one honing surface coated with ceramic created in an electrolytic bath. Profiles of the device can be triangular, planar, or V-shaped as well as curved. The ceramic can be deposited by passing a modified shaped wave alternating current through the incipient sharpening device in the
- 10 presence of a passivating agent and an electrolytic agent.